

ARBORIST REPORT



PROJECT NAME: 52-60 McCaul Street
PROJECT NUMBER: TRI169
DATE OF INSPECTION: 04/11/2014
PERSONS PRESENT: Stanley Luk

LOCATION: DESCRIPTION:
52 & 60 McCaul Street, 23 Arborist report
Grange Road.
City of Toronto

The MBTW have been retained to provide an arborist consultation report for 52 & 60 McCaul Street, City of Toronto. This report provides the arborist recommendations on the existing trees of concern within and adjacent to the subject property that will be impacted by the proposed site development. The trees identified in this report are regulated under chapter 813 of the City of Toronto Municipal Code.

NATURE OF WORK

As per the arborist inspection conducted in April 11, 2014, a total of 2 trees on private property at 52 McCaul Street, 6 trees at 23 Grange Road, and 3 City owned trees were documented within a 6m setback from the proposed site development. This Arborist report provides information in regards to the species, health and potential for development and tree preservation as per acceptable arboricultural procedures as recommended in the 'Guide for Plant Appraisal'. Prepared under contract by the "Council of Tree and Landscape Appraisers (CTLA), an official publication of the International Society of Arboriculture (I.S.A.), 9th edition, 2000". Trees were described in terms of species and Diameter at Breast Height (DBH) with a caliper tape at 1.4m from grade. A rating of Good/Fair/Poor is assigned to each tree based on health, structural integrity, species response and the age of the tree in comparison with species longevity.

SITE DESCRIPTION

The subject site consists of 2 properties between Stephanie Street to the south and Grange Road to the north on the west side of McCaul Street. The site at 52 McCaul is currently occupied by a parking lot and a low rise brick building. The 60 McCaul Street site is occupied by a single storey brick building. The property boundary to the west of 52 McCaul Street is shared with the parking lot of St. George the Martyr Anglican Church at 205 John Street. The property boundary west of 60 McCaul is shared with the University Settlement House building at 23 Grange Road.

OBSERVATIONS

52 McCaul Street

A City owned Freeman Maple tree (*Acer x fremanii*), numbered 153 was documented along the McCaul Street boulevard frontage of the site. This tree was observed to be newly installed in a raised concrete planter along the sidewalk east of the subject property. Due to the proposed site plan design, the preservation of this tree is not possible.

An existing Amur Maple (*Acer ginnala*) # 154 and a Green Ash tree (*Fraxinus pensylvanica*) # 155 were documented growing at the base of the chain link fence at the St George the Martyr Anglican Church property frontage with the property line. An additional Green Ash Tree #156 was observed within 6m from the subject site along the property boundary between the University Settlement House and St George the Martyr Anglican Church property line.

The Amur Maple tree numbered 154 was observed to be in poor condition due to extensive canopy dieback and girdling of the trunk by the adjacent chain link fence. As a result, it is recommended that this tree be removed as it is not salvageable in its current condition and is in conflict with the proposed site plan.

It was observed that all Ash trees documented in this arborist report were infested with the Emerald Ash Borer (EAB) due to the presence of D shaped borer exit holes and puckering of the tree bark. As a result, it is likely that the infected Ash trees are in terminal decline and will require removal as they die in the near future. As a result, the preservation of the Ash trees # 155 and 156 is not recommended.

60 McCaul Street

It was documented that two City owned street trees (Green Ash # 151 and 152) were installed in raised concrete planters along the east sidewalk of the subject property along McCaul Street. It was observed that the Green Ash trees were in poor structural condition due to topping of the canopy for overhead wire clearance and were infestation by the EAB borer. Due to the severity of the EAB infestation, it is likely that the Ash trees numbered 151 and 152 are in terminal decline and cannot be salvaged. As a result, the preservation of these two City owned trees is not recommended.

No privately owned trees were documented on the subject property at 60 McCaul Street.

Trees in Adjacent Property with 6m of subject site.

23 Grange Road

An approximately 1m wide setback was observed between the west building façade of 60 McCaul and the east building façade of 23 Grange Road. This setback was observed to be littered with debris and building rubble. A total of 5 Tree of Heaven (*Ailanthus altissima*) were documented within this setback. The 5 trees were likely naturally regenerated from wind distributed seeds as this is a weed tree species that is commonly found in neglected urban landscapes of Southern Ontario. Due to the location of these 5 trees being located along the foundation walls of 23 Grange Road and 60 McCaul Street, these trees will likely be damaged or collapse following the removal of the existing building at 60 McCaul Street, which is currently providing support for these trees against the prevailing winds. As a result, it will not be possible to preserve these trees under the proposed site plan design layout.

TREE SPECIES TABLE

Tree #	Botanical Name	Common Name	dbh.	Condition	Comments	Rank	Recommendations
151	<i>Fraxinus pensylvanica</i>	Green Ash	12	Poor/ Terminal decline	Tree infested with EAB. Tree topped to allow for overhead wire clearance. Tree installed in raised planter	5	Remove
152	<i>Fraxinus pensylvanica</i>	Green Ash	15	Poor/ Terminal decline	Tree infested with EAB. Tree topped to allow for overhead wire clearance. Tree installed in raised planter	5	Remove
153	<i>Acer x freemanii</i>	Freeman Maple	7	Fair	New tree planting in raised planter	5	Remove
154	<i>Acer ginnala</i>	Amur Maple	16	Fair	Tree girdled by chain link fence. Branch dieback and canopy decline observed. Clump form.	0	Remove
155	<i>Fraxinus pensylvanica</i>	Green Ash	12	Poor/ Terminal decline	Tree infested with EAB. Tree girdled by chain link fence.	0	Remove
156	<i>Fraxinus pensylvanica</i>	Green Ash	15	Poor/ Terminal decline	Tree infested with EAB. Tree girdled by chain link fence. Double trunk.	0	Remove
157	<i>Alnus altissima</i>	Tree of Heaven	25	Fair	Tree growing between 60 McCaul St. and 23 Grange Road.	0	Remove
158	<i>Alnus altissima</i>	Tree of Heaven	26	Fair	Tree growing between 60 McCaul St. and 23 Grange Road.	0	Remove
159	<i>Alnus altissima</i>	Tree of Heaven	28	Fair	Tree growing between 60 McCaul St. and 23 Grange Road.	0	Remove
160	<i>Alnus altissima</i>	Tree of Heaven	28	Fair	Tree growing between 60 McCaul St. and 23 Grange Road.	0	Remove
161	<i>Alnus altissima</i>	Tree of Heaven	25	Fair	Tree growing between 60 McCaul St. and 23 Grange Road.	0	Remove

NOTES:

Bylaw – Applicability according to City of Toronto (COT) ranking

- Category#:
- 0 – Trees not regulated under City of Toronto Tree By-Laws
 - 1 – Trees with diameters of 30cm or more, situated on private property on subject site.
 - 2 – Trees with diameters of 30cm or more, situated on private property within 6m of the subject site.
 - 3 – Trees of all diameters situated on City owned Parkland within 6m of the subject site
 - 4 – Trees of all diameters situated within lands designated under City of Toronto Municipal code, chapter 658, Ravine Protection.
 - 5 – Trees of all diameters situated with the City road allowance adjacent to the subject site

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COMMENTS

A total of 3 City owned trees on City road allowance were documented adjacent to the subject site. Due to the proposed streetscape design, it will not be possible to retain the trees in their existing location. As a result, the raised concrete planters and the associated trees will be required to be removed. Also due to the EAB damage to the two City owned Ash trees, they will likely die from the borer damage in the near future. Pursuant to the City owned tree bylaw, the client will submit a permit application to remove 3 City owned street trees (# 151, 152 & 153).

As a result of the arborist inspection, there were no City regulated trees at and above 30cm in dbh on 52 and 60 McCaul Street. However, a cluster of 5 Tree of Heaven on 23 Grange Road and the three trees numbered 157 to 161 on 205 John Street will be negatively impacted by the proposed site plan design. Since the trees are below permit size, in poor condition or cannot be saved under the current site plan design, the client will require the written approval from the owners of the adjacent properties for the approval of the removal of the affected trees.

REPORT PREPARED BY:



JUNE 13, 2014

Stanley Luk, ISA certified arborist # ON-0994A
THE MBTW GROUP

SITE IMAGES

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Image # 1: City owned Green Ash trees #151 (rear) and 152 (foreground) east of 60 McCaul Street.



Image # 2: City owned Freeman Maple tree #153 east of 52 McCaul Street.



Image # 3: Private trees #154 (right) and 155 (middle) & 156 (left)



Image # 4: View of the trunk of Green Ash tree number 156 showing EAB exit holes.



Image # 5: Top of Trees number 157 to 161 between 60 McCaul Street and 23 Grange Road.



Image # 6: View of trees 161 (foreground) to 157 growing between the foundation walls of 60 McCaul Street and 23 Grange Road.